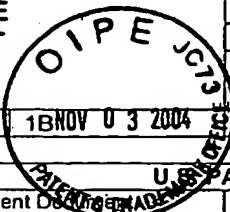


Substitute form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/692,045
		Filing Date	10/23/03
		First Named Inventor	Scott LaDell Vance et al;
		Group Art Unit	2821
		Confirmation No.:	6427
Sheet 1B of 1	18NOV 03 2004	Attorney Docket Number	9314.52



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			

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		Office	Number	Kind Code (if known)				
MA	1.		WO 02/054534	H01Q 1/24	ALLGON AB	07/22/2002	—	
MA	2.		EP 1 026 774 A2	H01Q 1/24	Siemen Aktien.	01/18/2000	—	
MA	3.		EP 1 026 774 A3	H01Q 9/24	Siemens Aktien.	01/18/2000	—	

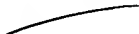






OTHER NON PATENT LITERATURE DOCUMENTS			
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MA	4.	Patent Abstract of Japan, Publication Number 10093332 <i>Dual Resonance Inverted-F Shape Antenna</i> , 1 sheet, Publication Date April 10, 1998.	
MA	5.	Patent Abstract of Japan, Publication Number 2000068736 <i>Multi-Frequency Antenna</i> , 1 sheet, Publication Date March 3, 2000.	
MA	6.	Invitation to Pay Additional Fees corresponding to PCT/US2004/017475 mailed October 8, 2004.	
MA	7.	Salonen et al., "New Slot Configurations for Dual-Band Planar Inverted-F Antenna", <i>Microwave and Optical Technology Letters</i> , 28, 5 pp. 293-298 (March 5, 2001)	

Examiner Signature	<i>MA D. Vance</i>	Date Considered	3/11/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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			Filing Date	10/23/03
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		Office	Number	Kind Code (if known)				
MA	1.	EPO	0 777 295	A2	NTT Mobile Communications Network Inc.	06/04/97		
	2.	EPO	1 052 722	A2	Nokia Mobile Phones Ltd.	11/15/00		
	3.	EPO	1 168 495 A2	A2	Alcatel	01/02/02		
	4.	JP	10093332		Nippon Antenna Co Ltd.	04/10/98		Abstract
	5.	JP	2000068736		Toshiba Corp.	03/03/00		Abstract
↓	6.	WO	01/33665	A1	Rangestar Wireless, Inc.	05/10/01		

OTHER NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
MA	7.	Copy of International Search Report and Written Opinion for corresponding PCT/US2004/017475, mailing date February 1, 2005.	

Examiner Signature	<i>MA D. Vance</i>	Date Considered	3/17/05
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet	1B
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Application Number	10/692,045
Filing Date	10/23/03
First Named Inventor	Scott LaDel
Group Art Unit	2821
Confirmation No.:	6427
Attorney Docket Number	9314.52

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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~~2-11-83~~ M. H. Davis

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	To Be Assigned 10/642045
				Filing Date	Concurrently Herewith 10/23/03
				First Named Inventor	Scott LaDell Vance et al;
				Group Art Unit	Unknown 827
				Examiner Name	Unknown Minh
Sheet	1	of	1	Attorney Docket Number	9314.52

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		Office	Number	Kind Code (if known)				
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	8.		DE 201 14 387 U1	H01Q 1/38	Germany	08/31/2001		
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	10.		EP 1 052 723 A2	H01Q 9/04	Europe	05/08/2000		

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MA	11.	DOU, WEI PING ET AL., Novel Meandered Planar Inverted-F Antenna For Triple-Frequency Operation, Microwave and Optical Technology Letters, October 5, 2000, pages 58-60, Vol. 27, No. 1, Singapore			
MA	12.	OLLIKAINEN, JANI ET AL., Internal Dual-Band Patch Antenna for Mobile Phones, Helsinki University of Technology, Finland, date unknown, but for examination purposes, the date is before December 17, 2002, page 364 (4 sheets)			
MA	13.	WONG, KIN-LU, Chapter One, Introduction and Overview, Planar Antennas for Wireless Communications, January 2003, pages 1-25, ISBN: 0-471-26611-6			
MA	14.	Sager et al. "A Novel Technique to Increase the Realized Efficiency of a Mobile Phone Antenna Placed Beside a Head-Phantom," IEEE 2003.			
MA	15.	CHIU ET AL., Compact dual-band PIFA with multi-resonators, Electronics Letters, Vol. 38, No.12, 2 sheets, June 6, 2002.			
MA	16.	Patent Abstracts of Japan, Vol. 1998, No. 09, Publication Number 10093331, Microstrip Antenna System, 1 sheet, Publication Date October 4, 1998.			

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